

### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. (Currently Amended) A-An electrochemical cell comprising:  
a laminated sintered body having a helium leakage rate of  $10^{-6}$  Pa·m<sup>3</sup>/s or lower,  
said laminated sintered body comprising:  

a ceramic substrate comprising a ceramic porous body having a  
thickness of 300 μm or larger and comprising one of an anode and a cathode,  
said ceramic porous body comprising a material selected from the group  
consisting of a lanthanum-containing perovskite-type complex oxide, platinum-  
zirconia cermet, palladium-zirconia cermet, ruthenium-zirconia cermet, nickel-  
zirconia cermet, platinum-cerium oxide cermet, palladium-cerium oxide  
cermet, ruthenium-cerium oxide cermet and nickel-cerium oxide cermet; and  
a ceramic dense body having a thickness of 25 μm or smaller and  
comprising a material selected from the group consisting of yttria-stabilized  
zirconia, yttria partially-stabilized zirconia, and cerium oxide-and-lanthanum  
chromite; and  
an electrode layer comprising the other one of said anode and said cathode  
provided on said ceramic dense body of said laminated sintered body, said electrode  
layer comprising a material selected from the group consisting of a lanthanum-  
containing perovskite-type complex oxide, platinum-zirconia cermet, palladium-  
zirconia cermet, ruthenium-zirconia cermet, nickel-zirconia cermet, platinum-cerium  
oxide cermet, palladium-cerium oxide cermet, ruthenium-cerium oxide cermet and  
nickel-cerium oxide cermet  

~~wherein said laminated sintered body has a helium leakage rate of  $10^{-6}$  Pa·m<sup>3</sup>/s~~  
~~or lower.~~
2. (Currently Amended) The electrochemical cell of claim 1, wherein said  
laminated sintered body of claim 1, havingan area of 60 cm<sup>2</sup> or larger.

3. (Currently Amended) The electrochemical cell of claim 1, wherein said laminated sintered body of claim 1 is obtained by a method comprising the steps of laminating green bodies for said ceramic porous body and said ceramic dense body to obtain a laminate, pressure molding said laminate by cold isostatic pressing to obtain a pressure molded body, and sintering said pressure molded body.

4-33. (Cancelled).

34. (New) A laminated sintered body comprising a conductive interconnector for electrically connecting a plurality of electrochemical cells, said laminated sintered body comprising:

a ceramic substrate comprising a ceramic porous body having a thickness of 300  $\mu\text{m}$  or larger and comprising a material selected from the group consisting of a lanthanum-containing perovskite-type complex oxide, platinum-zirconia cermet, palladium-zirconia cermet, ruthenium-zirconia cermet, nickel-zirconia cermet, platinum-cerium oxide cermet, palladium-cerium oxide cermet, ruthenium-cerium oxide cermet and nickel-cerium oxide cermet; and

a ceramic film provided on said ceramic substrate, said ceramic film comprising a ceramic dense body having a thickness of 25  $\mu\text{m}$  or less and comprising lanthanum chromite;

wherein said laminated sintered body has a helium leakage rate of  $10^{-6}$   $\text{Pa}\cdot\text{m}^3/\text{s}$  or less.